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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JAN 24 2002

Applicant: Steven VERHAVERBEKE, et al

Assignee: APPLIED MATERIALS, INC.

Title: METHOD AND APPARATUS FOR CHEMICAL MIXING IN A
SINGLE WAFER PROCESS

Serial No.: 09/891,833 Confirmation Number Assignment: 2675

Filed: 25JE2001 Group Art Unit: 1724

Attorney Docket No.: 004730 Examiner: Unknown

Santa Clara, California
November 9, 2001

Box: Missing Parts

ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

Attention: Manager

Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on August 16, 2001, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by the inventor(s) in compliance with 37 CFR 1.63 (4 pages);
2. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

1. Filing Fee - Original Patent Application (37 CFR 1.16(a))
2. Fees for claims
 - each independent claim in excess of 3 (37 CFR 1.16(f))
 - each claim in excess of 20 (37 CFR 1.16(c))
 - each multiple dependent claim (37 CFR 1.16(d))
 - Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e))

\$ 130.00

#4

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Extension (Months) Fee for other than Small Entity

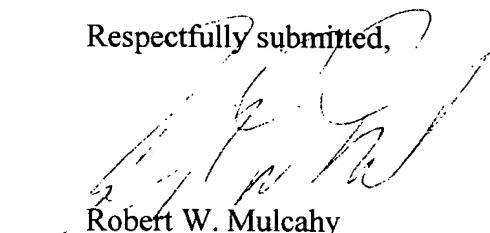
<input checked="" type="checkbox"/> One Month	\$ 110.00	\$ 110.00
<input type="checkbox"/> Two Months	\$ 400.00	
<input type="checkbox"/> Three Months	\$ 920.00	
<input type="checkbox"/> Four Months	\$1,440.00	
	Total Completion Fees	\$ 240.00

If an additional extension of time is required please consider this a petition therefor.

4. The Commissioner is hereby authorized to charge **\$240.00** and any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of 25JE2001 . Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

Respectfully submitted,



✓ Robert W. Mulcahy
Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner of Patents and Trademarks,
Washington, D.C. 20231 on 11-9-01
Signature: John O'Neil

09/891,833

COPY OF PAPERS
ORIGINALLY FILED

UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/891,833	06/25/2001	Steven Verhaverbeke	4730/TCG/TPG/OTHER/LE

CONFIRMATION NO. 2675

FORMALITIES LETTER



Michael A. Bernadicou
 APPLIED MATERIALS, INC.
 Patent Counsel, Legal Affairs Department
 P.O. Box 450A
 Santa Clara, CA 95052

RECD AUG 21 2001

Date Mailed: 08/16/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The oath or declaration is unsigned.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

M - N

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE